



CONSTRUCTION EQUIPMENT

VOLVO L90H 624538 - REAR AXLE



Sample No: VCP436522
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP436522	ASC0002536	ASC0002686	VCP408435
Sample Date	16 Apr 2024	11 Jan 2024	31 Oct 2023	03 Aug 2023
Machine Hours	10058	9518	9091	8577
Oil Hours	0	8422	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

IAA - INSURANCE AUTO AUCTIONS - CLAYTON
 60 SADISCO RD
 CLAYTON, NC
 US 27520
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	43.4	51.6	52.4	53.3
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	41	4	3	6
Sodium	ppm	0	<1	1	1
Potassium	ppm	2	0	0	0

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	140	16	8	12
Copper	ppm	2	1	<1	<1
Lead	ppm	1	0	0	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	4	<1	0	1
Chromium	ppm	2	0	0	0
Molybdenum	ppm	1	15	15	17
Nickel	ppm	2	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	3	<1	0	<1
Vanadium	ppm	<1	0	0	<1



ADDITIVES

Calcium	ppm	3914	1930	1845	2228
Magnesium	ppm	21	213	192	233
Zinc	ppm	1521	1113	1097	1196
Phosphorus	ppm	1271	971	943	1011
Barium	ppm	1	0	0	0
Boron	ppm	154	22	22	26

Depot: INSCLA
Unique No: 10983591
Signed: Wes Davis
Report Date: 19 Apr 2024



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GRAPHS

